

ABSTRACT

The present invention is directed to a thin film material for encapsulation of organic or polymeric light-emitting electric device having light-emitting 5 layer between cathode and anode, for elongation of lifetime of said device and for providing said device with flexibility, more specifically, to a thin film material for encapsulation of organic or polymeric light-emitting electric device comprising polymer having, as repeating unit of backbone, homo-, 2- component co-, ter-, or tetra-polymer of one to four pentaerythritol acrylate 10 monomer, or physically mixed polymer blend of said polymer and polymers other than poly(pentaerythritol acrylate).

Moreover, the present invention is directed to a method for encapsulation of organic or polymeric light-emitting device using said thin film material consisting of wet and dry process.

15 The light-emitting device encapsulated according to the present invention can be bended and can be used in the manufacturing of large surface area display.